

Title (en)
TRAY STACK DISPENSER

Title (de)
TABLETTSTAPELSPENDER

Title (fr)
DISTRIBUTEUR DE PILE DE PLATEAUX

Publication
EP 3265410 A1 20180110 (EN)

Application
EP 16720922 A 20160304

Priority
• NL 2014413 A 20150306
• NL 2016050149 W 20160304

Abstract (en)
[origin: WO2016144162A1] A packaging dispenser (1), for dispensing stacks of nested trays (13A-G) to a packing device (D), has a frame (3), a first conveyor (7) for conveying stacks of nested trays (13A-E) and a second conveyor (25, 27) downstream of the first conveyor (7) for receiving stacks of nested trays (13F, 13G) from the first conveyor (7). The packaging dispenser (1) also includes a vertical chute (29) underneath the second conveyor (25, 27) for dispensing stacks of nested trays (13G) to a packing device (D). The second conveyor (25, 27) has a pair of laterally spaced conveyor elements for supporting only lateral edge regions of a stack of nested trays (13F). The laterally spaced conveyor elements (25, 27) are retractable to allow a stack of nested trays (13F, 13G), supported thereon, to be released into the chute (29).

IPC 8 full level
B65G 47/51 (2006.01); **B65G 59/00** (2006.01)

CPC (source: EP US)
B65B 43/44 (2013.01 - US); **B65B 43/52** (2013.01 - US); **B65G 15/26** (2013.01 - US); **B65G 41/003** (2013.01 - US); **B65G 47/44** (2013.01 - US); **B65G 47/5113** (2013.01 - EP US); **B65G 59/00** (2013.01 - EP US); **B65G 59/108** (2013.01 - US); **B65G 59/12** (2013.01 - US); **B65G 2201/0208** (2013.01 - EP US); **B65G 2201/0258** (2013.01 - EP US)

Citation (search report)
See references of WO 2016144162A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016144162 A1 20160915; EP 3265410 A1 20180110; EP 3265410 B1 20230607; EP 3265410 C0 20230607; NL 2014413 B1 20161013; US 2018057274 A1 20180301; US 9932180 B2 20180403

DOCDB simple family (application)
NL 2016050149 W 20160304; EP 16720922 A 20160304; NL 2014413 A 20150306; US 201615555872 A 20160304